SYSTEM AND METHOD FOR COOPERATIVE DATABASE ACCELERATION

Abstract of the Disclosure

Embodiments of the systems and methods provide the reliable and persistent data storage of traditional database systems combined with the superior performance of high-speed volatile memory databases. The database server, for example, a SQL server, communicates with a computer data storage device, for example, a computer hard disk drive or other persistent storage device, for permanent storage and maintenance of database data entries or records. The database server additionally communicates with a volatile, main memory database system capable of high-speed performance. The database server can use the persistent database system in combination with the enhanced performance volatile database system to provide both reliability and substantially accelerated database performance.

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